



IP SERVICES

2

Home IP Services PatentScope Patent Search



Search result: 1 of 1

(WO/2003/011967) CURABLE COMPOSITION, CURED ARTICLE OBTAINED THEREFROM, AND PHOTOCHROMIC OPTICAL MATERIAL AND PROCESS FOR PRODUCING THE SAME

[Biblio. Data](#) [Description](#) [Claims](#) [National Phase](#) [Notices](#) [Documents](#)

Latest bibliographic data on file with the International Bureau

Publication Number: WO/2003/011967

International Application No.: PCT/JP2002/002921

Publication Date: 13.02.2003

International Filing Date: 26.03.2002

Chapter 2 Demand Filed: 18.11.2002

Int. Class.: C08F 220/36 (2006.01), C08F 230/08 (2006.01), C08G 18/81 (2006.01), C09D 4/00 (2006.01), G02B 5/23 (2006.01)

Applicants: TOKUYAMA CORPORATION [JP/JP]; 1-1, Mikage-cho, Shunan-shi, Yamaguchi 745-0053 (JP) (All Except US).

MOMODA, Junji [JP/JP]; c/o TOKUYAMA CORPORATION, 1-1, Mikage-cho, Shunan-shi, Yamaguchi 745-0053 (JP) (US Only).

MORI, Katsuhiro [JP/JP]; c/o TOKUYAMA CORPORATION, 1-1, Mikage-cho, Shunan-shi, Yamaguchi 745-0053 (JP) (US Only).

Inventors: MOMODA, Junji [JP/JP]; c/o TOKUYAMA CORPORATION, 1-1, Mikage-cho, Shunan-shi, Yamaguchi 745-0053 (JP).

MORI, Katsuhiro [JP/JP]; c/o TOKUYAMA CORPORATION, 1-1, Mikage-cho, Shunan-shi, Yamaguchi 745-0053 (JP).

Agent: OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

Priority Data: 2001-227374 27.07.2001 JP
2001-284521 19.09.2001 JP

Title: CURABLE COMPOSITION, CURED ARTICLE OBTAINED THEREFROM, AND PHOTOCHROMIC OPTICAL MATERIAL AND PROCESS FOR PRODUCING THE SAME

Abstract: A useful curable composition giving a coating which has high adhesion to the substrate and to a hard coat layer and which has highly excellent photochromic properties, i.e., a high developed-color density, a high fading rate, and excellent durability. The composition comprises (1) 100 parts by weight of one or more radical-polymerizable monomers comprising a silyl monomer such as α -methylmethacryloyloxypropyltrimethoxysilane and/or an isocyanato monomer such as a 2-isocyanatoethoxymethacrylate, (2) 0.01 to 20 parts by weight of an amine compound, and (3) 0.01 to 20 parts by weight of a photochromic compound. Applying this composition as a coating material to a resinous substrate gives a photochromic optical material which has excellent adhesion between the photochromic coating layer and the substrate.

Designated States: AU, BR, CA, CN, IL, JP, KR, SG, US, ZA.

European Patent Office (EPO) (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR).

Publication Language: Japanese (JA)

Filing Language: Japanese (JA)